## CONSTRUCTION EQUIPMENT SWA540530 COASTAL VOLVO L70H 633466 - DIESEL ENGINE

Sample No: VCP446825

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SWA540530 COASTAL

Job No:

Sodium

1

Potassium

Vanadium

ppm

ppm

ppm

## SAMPLE INFORMATION VCP446825 Sample Number Sample Date 22 Apr 2024 Machine Hours 480 Oil Hours 0 Changed Oil Changed ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.6 Base Number (BN) mg KOH/g 9.8 Oxidation (PA) % 71 CONTAMINATION % NEG Water Soot % % 0.3 Nitration (PA) % 52 % 60 Sulfation (PA) Glycol % NEG % Fuel <1.0 13 Silicon ppm



ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

## Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.The aluminum level is abnormal. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

WEAR N	METALS		
Iron	ppm	26	 
Copper	ppm	∎11	 
Lead	ppm	2	 
Tin	ppm	2	 
Aluminum	ppm	<b>6</b> 3	 
Chromium	ppm	<b>4</b>	 
Molybdenum	ppm	<b>48</b>	 
Nickel	ppm		 
Titanium	ppm	<1	 
Silver	ppm		 
Manganese	ppm	2	 

3

4

ADDITIVES								
Calcium	ppm	<b>1451</b>						
Magnesium	ppm	577						
Zinc	ppm	<b>1053</b>						
Phosphorus	ppm	928						
Barium	ppm	<b>11</b>						
Boron	ppm	91						

 Depot:
 VOLVO0095

 Unique No:
 11004795

 Signed:
 Don Baldridge

 Report Date:
 01 May 2024

Report Id: VOLVO0095 [WUSCAR] 06164076 (Generated: 05/03/2024 16:04:55) Rev: 1

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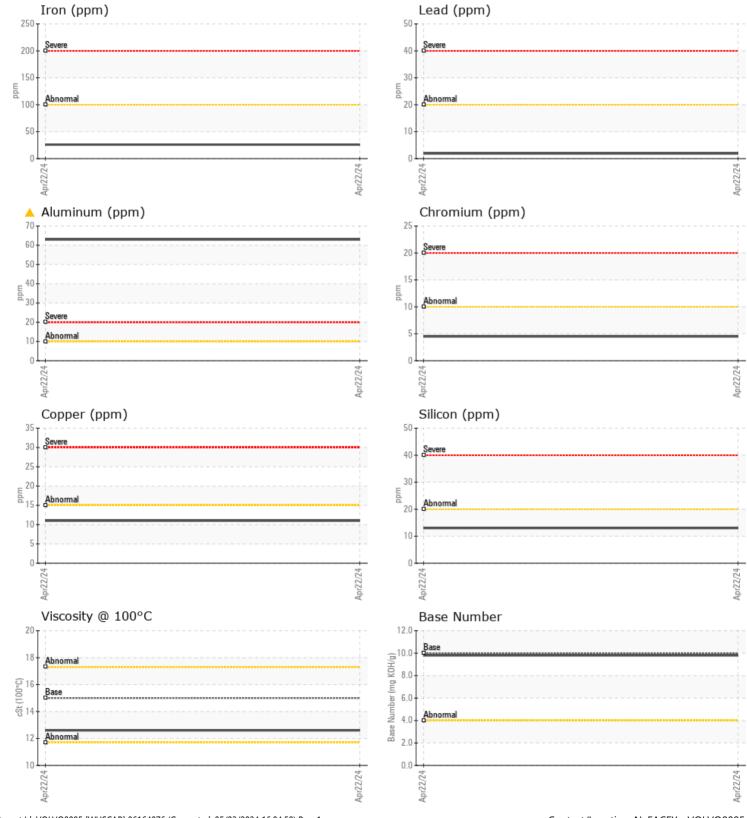
Contact/Location: N. FACEY - VOLVO0095

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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